

## EXHIBITIONS AND NOTICES.

May 11th, 1920.

Prof. J. P. HILL, F.R.S., Vice-President, in the Chair.

The SECRETARY read the following Report on the Additions to the Society's Menagerie during the month of April, 1920 :—

The registered additions to the Society's Menagerie during the month of April were 118 in number. Of these 39 were acquired by presentation, 15 were deposited, 28 were purchased, 32 were received in exchange, and 4 were born in the Menagerie.

The following may be specially mentioned :—

1 Chimpanzee (*Anthropopithecus troglodytes*), from West Africa, purchased on April 21st.

2 White-handed Gibbons (*Hylobates lar*), from Rangoon, received in exchange on April 15th.

2 Barbary Sheep (*Ammotragus lervia*), born in the Menagerie on April 11th.

1 Milky Eagle-Owl (*Bubo lacteus*), from Rhodesia, purchased on April 19th.

1 Banded Rail (*Hypotaenidia striata*), from India, new to the Collection, purchased on April 28th.

1 Five-banded Lizard (*Mabuia quinqueteniata*), from Rhodesia, new to the Collection, deposited on April 18th.

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On behalf of Messrs. E. Gerrard & Sons, Mr. R. I. Pocock, F.R.S., exhibited a mounted specimen of a pale variety of the White-bearded Gnu (*Connochates albojubatus*), shot by Capt. Keith Caldwell, R.A., F.Z.S., in Masailand, and pointed out that apart from the general pale yellowish-brown tint, the variation affected different parts of the body in different ways, the neck-mane, the long hairs on the face, and the tail-tuft, which are normally black, being dirty white, whereas the bands on the body, making the brindled pattern, which are also normally black, were brownish red.

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Miss J. B. PROCTER, F.Z.S., exhibited and made remarks upon a living specimen of the tailed Batrachian, *Spelerpes fuscus* Bonaparte, born on May 8th, 1920.

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Prof. J. E. DUERDEN, F.Z.S., exhibited and made remarks upon a remarkable series of lantern-slides illustrating the sexual display and nesting-habits of the Ostrich.

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June 1st, 1920.

Sir SIDNEY F. HARMER, K.B.E., F.R.S., Vice-President,  
in the Chair.

In the absence of Prof. R. T. LEIPER, F.Z.S., his exhibition of lantern-slides illustrating the Experimental transmission of some Helminth infections, was described by Dr. VEYERS. Specimens of *Schilbe mystus*, *Clavotes laticeps*, and *Tilapia nilotica* infected with encysted trematode larvæ, and found near Cairo, were shown. By feeding young wolves, bred in captivity, with these fishes Prof. Leiper succeeded in rearing the adult worms in enormous numbers. The cysts of *Schilbe mystus* gave rise to *Hemistoma (Alaria) alatum* of the dog, and those of *Clavotes laticeps* to *Monostoma pumilio* Looss. *M. pumilio*, which would appear to be more closely related to *Tocotrema* than to *Monostoma*, is normally a parasite of the Pelican and Kite in Egypt. That it can be reared in enormous numbers in Wolves undermines the conception of "physiological species" applied by Looss to certain trematode infections.

Dr. P. CHALMERS MITCHELL, F.R.S., gave an account, illustrated with lantern-slides, of his recent Aeroplane Trip from Cairo to Tabora, and described the character of the country passed over and the birds and mammals seen.

June 15th, 1920.

Prof. E. W. MACBRIDE, F.R.S., Vice-President,  
in the Chair.

The SECRETARY read the following Report on the Additions to the Society's Menagerie during the month of May, 1920:—

The registered additions to the Society's Menagerie during the month of May were 398 in number. Of these 63 were acquired by presentation, 188 were deposited, 130 were purchased, 4 were received in exchange, and 13 were born in the Menagerie.

The following may be specially mentioned:—

#### MAMMALIA.

1 Cheetah (*Cynaelurus jubatus*), from Kilosso, Tanganyika Territory, presented by C. MacMahon, Esq., Assistant Political Officer of Kilosso, on May 1st.

2 Capybaras (*Hydrochoerus hydrochoerus*), bred in England, purchased on May 12th.

1 Arabian Oryx (*Oryx leucoryx*), from Central Arabia, deposited by H.M. The King on May 14th.

## AVES.

2 Somali Ostriches (*Struthio molybdophanes*), purchased on May 8th.

2 White Rheas (*Rhea americana*), purchased on May 12th.

1 Kagu (*Rhinocætus jubatus*), from New Caledonia, purchased on May 4th.

4 Long-tailed Shrikes (*Urolestes melanoleucus*) and 1 Black-collared Barbet (*Lybius torquatus*), from South Africa, deposited on May 22nd. New to the Collection.

4 Isabelline Turtle-Doves (*Turtur isabellina*), 2 Rosy-grey Turtle-Doves (*Turtur roseigriseus*), 6 Dongola Turtle-Doves (*Turtur decipiens*), from North-East Africa, deposited on May 1st, and 2 Spotted-bellied Francolins (*Francolinus spilogaster*), presented by Major Maurice Portal, F.Z.S., on May 1st. All new to the Collection.

## REPTILIA.

1 Siamese Crocodile (*Crocodilus siamensis*) and 2 Tentacled Snakes (*Herpeton tentaculatum*) from Siam, the latter new to the Collection, presented by Dr. Malcolm Smith, F.Z.S.

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Prof. J. E. DUERDEN, F.Z.S., exhibited and made remarks upon a series of Ostrich eggs.

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DR. R. J. TILLYARD, M.A., D.Sc., F.L.S., F.E.S., gave an account, illustrated by lantern-slides, of The Life-history of the Dragonfly, with special reference to Australian forms. Dr. Tillyard dealt first with the structure of the female ovipositor, and showed the correlation between the habit of laying eggs in the tissues of plants and the elongated form of the eggs, on the one hand, and that of laying them freely in the water, the eggs in this case being of a much more rounded form. The development of the embryo and the hatching of the larva were next dealt with; the creature that hatches from the egg is not an active larva, but a sheathed pronymph, whose existence lasts but a few seconds, and from which the active young larva emerges in its turn, representing actually the second larval instar of other insects. The various types of larvæ found in the two suborders Anisoptera and Zygoptera were next shown, and a series of slides dealt with the interesting larval specialisations in the gizzard, the prehensile labial mask, and the rectal and caudal gills.